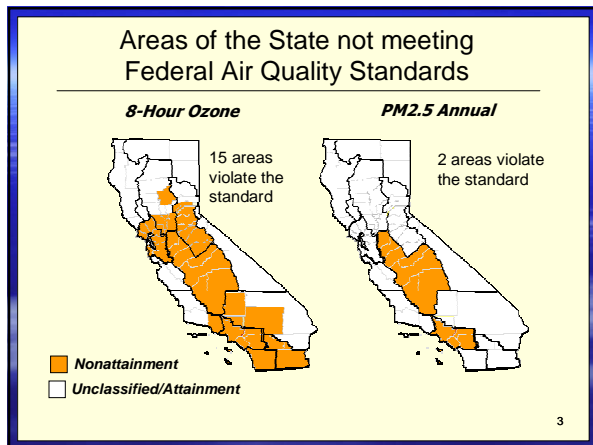




Overview

- Introduction/Background
- Truck and Bus Regulation Overview
 - Status
 - Regulation overview
 - Agricultural vehicle requirements
 - Two-engine sweeper requirements
 - Web compliance tools
- Heavy Duty Vehicle Greenhouse Gas (Tractor Trailer GHG) Regulation
 - Status
 - Regulation overview
- How to Report

2



Diesel Particulate Matter Exposure

- 70% of known cancer risk from all air toxics
- Trucks and buses largest source of diesel PM
- Diesel Risk Reduction Plan adopted in 2000
 - Risk reduction goals by 2010 and 2020
 - Stringent New Engine Standards
 - Cleaner Diesel Fuel (< 15 ppm sulfur)
 - Ensure In-Use Emissions Performance
 - Aggressive Reductions from In-Use Engines

4

In-Use Diesel Regulatory Activity

<ul style="list-style-type: none"> • Urban Buses (2000) • Garbage Trucks (2003) • School Bus Idling (2003) • Stationary Engines (2004) • TRUs (2004) • Truck and Bus Idling (2004) • Portable Engines (2004) • Transit Fleet Vehicles (2005) 	<ul style="list-style-type: none"> • Public Fleets & Utilities (2005) • Cargo Handling Equipment at Ports and Rail Yards (2005) • Port Trucks (2007) • Off-Road Vehicles (2007) • Truck and Bus Regulation (2008) • Off-Road Agricultural Vehicles (Planned for 2011)
--	--

5

Status

Truck and Bus Regulation

- Adopted by the Air Resources Board December 2008
- Approved by the Office of Administrative Law (OAL) December 9, 2009
 - In effect January 8, 2010
 - Proposed amendments to be presented to the Board Spring 2010
- No changes or delays have been made
 - Additional flexibility for smaller fleets

Regulation Proposals

- Maintain March 31, 2010 reporting for:
 - 2 engine sweepers with Tier 0 engines
 - Fleets taking advantage of the agricultural vehicle provisions
- Delay of reporting requirements for all other vehicles until January 31, 2011
- Planned Amendments:
 - Deferral of clean-up requirements for fleets of 20 or fewer vehicles in 2011 and 2012
 - Reduced requirements for all fleets in 2011 and 2012
 - Other amendments

7

Truck and Bus Regulation Requirements

8

Truck and Bus Regulation

Applicability

- Diesel trucks and buses operating in California
 - Greater than 14,000 GVWR
 - Shuttle buses that frequent transit centers-any GVWR
 - Agricultural use yard trucks with off-road engines
 - Interstate, intrastate, international, and other
- Any person, business, or government agency who owns, leases, rents, or sells a vehicle in California
- California based brokers and dispatchers

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Truck and Bus Regulation

Applicability Continued

- Excludes:
 - Emergency vehicles
 - Military tactical vehicles
 - Personal use motor homes
 - Historic vehicles
 - Two engine cranes
 - Personal use pickup trucks
 - Local and state owned vehicles
 - 1960-2006 MY solid waste collection vehicles
 - Public urban buses/transit fleet vehicles
- Drayage and private utility trucks are subject to other regulations and exempt until 2021

10

Truck and Bus Regulation

Examples of Vehicle Types



Concrete Mixer



Dump Truck



Drill Rig



Water Truck



Hay Squeeze



Tow Truck



Reefer Van



Fuel Tank Truck



Passenger Bus

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Truck and Bus Regulation

Regulation Overview

- All vehicles must have particulate matter (PM) filters by 2014
 - Phased in starting 2011
- By 2023 all vehicles must have 2010 model year engines or equivalent
 - Phased in starting 2013
- Special provisions, credits
- Reporting and labeling requirements
- Disclosure language for sale of vehicle



12

Terminology

- PM BACT (PM Filter)
 - Retrofit verified by ARB to reduce PM by highest level
 - Level 2 = 50%
 - Level 3 = 85%
 - Originally equipped (2007 model year or newer)
- NOx BACT (2010 Engine)
 - 2010 model year (MY) engine
 - Engine meeting 2010 MY emissions standard
 - 2004-2006 with 85% NOx reduction
 - 2007-2009 engine with 70% NOx reduction

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Option 1 - BACT Schedule (No Reporting Required)

- Fleets with engines less than 7 years old always ahead of schedule
- Replace with 2010 engine or one with a later compliance date on schedule
 - No action until 2021 with a 2007 MY engine

Compliance Date January 1st:	Engine Model Year	Required Actions
2011	Pre-1994	PM Filter
2012	2003-2004	PM Filter
2013	2005-2006	PM Filter
	1994-1999	2010 Engine
2014*	2000-2002	2010 Engine
2015	Pre-1994	2010 Engine
2016	2003-2004	2010 Engine
2017	2005-2006	2010 Engine
2018	No new requirements	
2019		
2020		
2021	2007	2010 Engine
2022	2008	2010 Engine
2023	2009	2010 Engine

* PM filter required for all vehicles

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Option 2 - BACT Percentage Limits (Reporting Required)

- By 2011 one out of four vehicles need to have a PM filter
- By 2013 one out of four needs to have a 2010 engine

January 1st	PM Filter	2010 Engine*
2011	25%	NA
2012	50%	NA
2013	75%	25%
2014	100%	50%
2015	"	50%
2016	"	60%
2017	"	80%
2018	"	80%
2019	"	80%
2020	"	90%
2021	"	90%
2022	"	90%
2023	"	100%

*Emissions equivalent to 2010 MY engine

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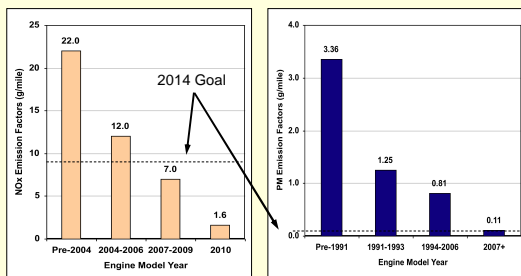
Option 3 – Fleet Averages (Reporting Required)

- Averages fleet emissions
- Can be met by any combination
 - Allows widest variety of engine model years
 - Allows widest variety of NOx control options
- Emissions factors specified in regulation
- Fleet emissions targets decline



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Fleet Average Emission Factors By Engine Model Year



Note: For tractors and vehicles with a gross vehicle weight rating (GVWR) greater than 33,000 lbs. Separate emission factors for smaller vehicles.

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Special Provisions Summary

- Agricultural vehicles
- Attainment area operation
- Certain cab-over engine truck tractors
- Early PM retrofit credits
- Low usage
- Lower usage
- Hybrid and alternative fueled vehicles credits
- Manufacturer delays
- Motor coaches
- PM retrofit safety
- Retirement credits
- School buses
- Small fleets
- Three day pass
- Two engine sweepers
- Unique vehicles

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Small Fleets

- Three 3 vehicles or fewer
- Reporting starts in January 2011
- No retrofit or 2010 engine requirements until 2014
 - One 2004-2006 MY engine with PM filter until 2019
 - All other trucks must meet the BACT schedule
- 2010 engine delays action for one other truck
 - Two trucks; delays 2010 engine req. of 2nd until 2017
 - Three trucks; 2nd meets 2004-2006 MY engine with PM filter until 2019, and 3rd delay clean-up until 2016



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Low Use Vehicles

- Exempt from all clean-up requirements
 - Below 1000 miles and 100 hours in California
 - Vehicles must document usage in California
- Exempt from 2010 engine until 2021 (PM filter required)
 - Heavy* vehicles below 7,500 miles per year
 - Below 250 hours if stationary PTO use or if yard goat
 - Smaller vehicles below 5,000 miles per year
 - Below 175 hours per year if stationary PTO use
 - Based on total annual miles or hours on engine whether or not in California

* Heavy vehicles - GVWR over 33,000 lbs. and truck tractors (hours limitation also applies for yard goats)

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Attainment Area Operation

- Any vehicle operated exclusively in attainment areas
- PM filters 2011-2014
- No NOx requirements until 2021
- No mileage limits
- GPS tracking or other method



Attainment Area Counties - Alpine, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Monterey, Plumas, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz, Shasta, Sierra, Siskiyou, Trinity, Tehama, and Yuba

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Other Provisions

- Early PM exhaust retrofits installed by 2010
 - Makes vehicle exempt from NOx requirement until 2014
- Unique vehicles delay 2010 engine req. until 2021
 - Unique if no similar vehicle with 2007 MY engine
 - Install NOx/PM exhaust retrofit if available
- Exhaust retrofit not required if not safe
- No penalty for manufacturer delays if filter, engine, or replacement vehicle ordered 4 months before compliance date
- Three day pass (One vehicle per year per company)
 - Report prior to operating in California
 - Exempt from clean-up requirements for a 3 day period

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Agriculture Vehicles



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Agricultural Vehicle Provision Summary

Delay PM and NOx BACT until 2017 or 2023

- Stay below the mileage thresholds
- Meet the definition of an agricultural vehicle
- Report by March 31, then annually on January 31st
- Limited to baseline numbers based on January 1, 2009 fleet
- Label both vehicle doors with "AG"
 - 30 days after reporting
 - 3 inch white block letters on 5 inch by 8 inch black background



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Mileage Thresholds

- Delay PM and NOx BACT until 2023
 - Low-mileage agricultural vehicle: any agricultural truck operating below 10,000 miles per year
 - Specialty agricultural trucks
 - No mileage limit
- Delay PM and NOx BACT until 2017
 - Limited mileage agricultural vehicle:
 - 1995 and older engines less than 15,000 miles per year
 - 1996-2005 engines less than 20,000 miles per year
 - 2006 engines less than 25,000 miles per year

2007 and newer vehicles are subject to emissions regulations

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Baseline

- Limited-mileage and low-mileage agricultural vehicles
 - Not to exceed the number of agricultural vehicles in fleet as of January 1, 2009.
- Specialty agricultural vehicles
 - limited to 2,200 in state
 - No more than 1,100 in the San Joaquin Valley Air Basin
 - Based on one per fleet, then lottery until limits are met

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Agriculture Vehicle Replacement

- Replace with one model year newer
- Combined mileage must remain below threshold
 - Exceed mileage limit, cannot replace
- Report odometer readings and document change

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Definitions of Agricultural Vehicle

1. Farmer owned trucks
2. Fertilizer or pesticides delivery truck
3. In field trucks
4. Farm to first processor trucks
5. Specialty vehicles



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Agricultural Operations

- The activity of growing or harvesting crops for the primary purpose of making a profit or providing a livelihood including any horticultural, viticultural, aquacultural, forestry, dairy, livestock, poultry, bee or farm product
 - Excluded raising plants at nurseries exclusively for retail
- The cutting or removing of timber and other solid wood products such as Christmas trees and biomass for commercial purposes
 - Excludes conversion of forest lands to other land uses

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Farming Business

- Business involved in the cultivating, operating, or managing a farm for profit, either as owner or tenant
 - Excludes providing agricultural services such as, landscape services, veterinary services, farm labor or management for a fee or on contract basis, or engaged in the business of artificial insemination, or raising or caring for dogs, cats and other pet animals

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1. Farmer Owned Trucks

- Owned by a "farming business" only
 - Owner/tenant cultivating, operating, or managing a farm for profit
- Used exclusively in "agricultural operations"
 - Includes bee keeping businesses
 - Supply trucks, cattle trucks, flatbeds, etc.
 - Truck or tractor and trailer combination
- Excludes:
 - Vehicles not directly supporting farming operations
 - Personal-use vehicles
 - Vehicles that are rented or leased out
 - Vehicles used in transportation business

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2. Fertilizer or Pesticide Delivery Trucks

- Owned by any company
- Used exclusively to deliver only hazardous chemicals (fertilizer and pesticides) to agricultural operations
 - Truck or tractor & trailer combination
 - Must display hazardous material placard
- Company must have valid fertilizer or pest control license

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3. In Field Trucks

- Owned by any company
- Designed for in-field operations
- Manure spreaders, feed mixers, free stall bedding, water trucks
- Excludes:
 - Trucks and buses used to pick up or deliver supplies, equipment, or to transport people

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Feed Mixer Trucks (In field)



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Spreader (In field)



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Hay Squeeze (In field)



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4. Farm to first processor trucks

- Owned by any company
- Used exclusively to haul products from farm to “first point of processing”

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First point of processing

- location where harvested crops are altered from their original state
 - Examples: packinghouse, slaughterhouse, cotton gin, huller, lumber mill, grain mill, food processor, biomass facility
- Excluded:
 - Distribution centers, wholesale/retail locations where first processing does not occur, livestock auction houses, and locations departing first point of processing

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Silage Dump (Farm to First Processor)



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Cotton Module Mover (Farm to First Processor)



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Logging Truck (Farm to First Processor)



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Tomato Truck (Farm to First Processor)



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Truck and Bus Regulation Agricultural Vehicles Provision

Farm to First Processor Examples

Agricultural vehicle provision that applies to trucking companies and other transportation businesses that haul unprocessed agricultural products from the field to the first point of processing and operate below certain mileage thresholds (See CCR, title 13, section 2025 (d)(33))

TRUCK TYPE	QUALIFIES AS FARM TO FIRST PROCESSOR	DOES NOT QUALIFY AS FARM TO FIRST PROCESSOR
Livestock Truck	Hauling cattle from farm to slaughterhouse, or where feedlot and slaughterhouse are co-located, or hauling cattle from a feedlot to the slaughterhouse.	Hauling cattle from farm to the feedlot or an auction house.
Dairy Truck	Hauling raw milk from the dairy to the creamery. Multiple Dairies are OK.	Hauling raw milk from a creamery to another creamery.
Tomato Truck	Hauling tomatoes from the farm to tomato processor, or where the holding yard and processing facility are co-located.	Hauling tomatoes to a holding yard where processing facility is not part of the same property.
Lettuce Truck	Transporting lettuce from the farm to the cooler or cooling facility. Packaged in field OK.	Transporting lettuce to a wholesale or retail distribution center
Grain Truck	Hauling rice to the dryer.	Hauling rice from the dryer to the mill.
Cotton Module	Hauling cotton to the cotton gin.	
Logging Truck or Hauling Forest Waste	Hauling logs to the mill or unprocessed agricultural material from the forest to a biomass facility.	Hauling wood that has been chipped in the forest to any location.
Grape Truck	Hauling grapes from the field to a dryer or from the field to a winery.	Hauling grape juice.
Hay Truck	Haul hay from field to facility that re-inspects and compresses bales for export.	Haul hay from field to dairy, cattle feed lot, other farm, or distribution center.
Silage Truck	Raw corn or grass (green) chopped in field to silage pit.	Fermented silage (brown) to any location.
Almond Trucks	Transported from the orchard to the hulling facility.	Bulk almonds from huller to another processor.

5. Specialty Agricultural Vehicles

- Compliance delayed until January 1, 2023
 - Must be approved by ARB
 - Limited to 2,200 statewide, 1,100 in the San Joaquin Valley
- Body and use type
 - Cotton module movers
 - Farmer-owned water trucks
 - Feed trucks at calf and cattle feed lots, only
 - Nurse rigs used exclusively to refuel, repair, or refill helicopters or planes used for agricultural operations

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Important Dates for Agricultural Fleets

- January 1, 2010 – Record odometer reading for all qualifying agricultural vehicles
- March 31, 2010 – report all vehicles qualifying for agricultural vehicle, include those in the fleet on January 1, 2009
- April 30, 2010 – Permanently affix or paint AG on the left and right door of qualifying agricultural vehicles

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Two-Engine Sweepers

- Private Two-Engine Sweepers
 - Excludes publicly-owned
- Propulsion engine will be treated the same as any other vehicle
- Auxiliary engine, 50 hp or greater, will meet PM requirement on same schedule as the propulsion engine
- Tier 0 auxiliary engines must operate <450 hours/year as of January 1, 2010
 - Although auxiliary engines will not be subject to the clean up requirements of the Portable Equipment Registration Program (PERP); they are still subject to the registration, opacity and inspection requirements of PERP.



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Important Dates for Two-Engine Sweepers

- March 31, 2010 – report all two engine sweepers with Tier 0 engines
- April 30, 2010 - Permanently affix or paint SW on the left and right door of a two-engine sweeper with Tier 0 auxiliary engine
- January 31, 2011 and thereafter as required



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Reporting

- No reporting if fleet meets BACT schedule
- Reporting required March 31, 2010
 - Agricultural vehicle provisions
 - Two engine sweepers
- All other must report January 31, 2011
 - Except those that meet BACT schedule
- TRUCRS
 - On-line reporting system

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Disclosure

- Requirement for disclosure on bill of sale
- Currently in effect
- Disclosure language:

“An on-road heavy-duty diesel or alternative-diesel vehicle operated in California may be subject to the California Air Resources Board Regulation to Reduce Particulate Matter and Criteria Pollutant Emissions from In-Use Heavy-Duty Diesel Vehicles. It therefore could be subject to exhaust retrofit or accelerated turnover requirements to reduce emissions of air pollutants. For more information, please visit the California Air Resources Board website at <http://www.arb.ca.gov/dieseltruck>.”

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Truck and Bus Regulation

On-Road Heavy-Duty Diesel Trucks (In-Use) Regulation

Fact Sheets Regulation Regulatory Workshops Fleet Calculators Reporting Forms Training

On December 12, 2009, the California Air Resources Board (ARB) approved a new regulation to significantly reduce emissions from existing on-road diesel vehicles operating in California. The regulation requires affected trucks and buses to meet performance requirements between 2011 and 2022. By January 1, 2023, all vehicles must have a 2010 model year engine or equivalent.

At the board hearing held on December 9, 2009, the California Air Resources Board (ARB) directed staff to propose amendments to the Truck and Bus Regulation that would provide additional flexibility for fleets already affected by the economy. The board asked staff to evaluate alternatives that would meet emission targets and to focus on smaller businesses. The Board also asked staff to consider changing the March 31, 2010 reporting date (except agricultural fleets and fleets with low engine swapping) to provide more time for fleets to submit their vehicle information. Staff is now preparing its analysis and will be drafting suggested amendments for review. Staff plans to hold public workshops in early 2010 to obtain stakeholder input.

The regulation applies to all on-road heavy-duty diesel fueled vehicles with a gross vehicle weight rating (GVWR) greater than 14,000 pounds, agricultural yard trucks with off-road certified engines, and certain diesel fueled shuttle vehicles of any GVWR. On- and off-road trucks and buses that operate in California are also subject to the regulation. For further information, please call (866) 634-3735 or email at: 8666343735@arb.ca.gov. The regulation does not apply to trucks entering ports and intermodal yards that comply with www.arb.ca.gov/ports.

www.arb.ca.gov/dieseltruck

For More Information...

Truck and Bus Regulation information and reporting documents: www.arb.ca.gov/dieseltruck

Listserv (onrdiesel): www.arb.ca.gov/listserv

DIESEL HOTLINE:

(866) 6-DIESEL (866-634-3735)

Email: 8666diesel@arb.ca.gov

Heavy Duty Vehicle Greenhouse Gas (Tractor Trailer GHG) Regulation



Tractor Trailer GHG Regulation

Status of Regulation

- Approved by the Office of Administrative Law (OAL) December 9, 2009
- Codified into California Code of Regulations (CCR) subarticle 1, sections 95300 to 95311, title 17
- In effect January 1, 2010

Applicability

- Tractors pulling 53' or longer box-type trailers
- 53' or longer box-type trailers (dry-van & refrigerated-van trailers)
- Responsible for compliance: owner, driver, motor carrier, California-based broker, and California-based shipper
- All owners operating affected vehicles in California regardless of where their vehicle is registered

Applicability Continued

Exempt Tractors and Trailers:

- Drayage tractors & trailers
 - Operate within a 100 mile radius of port or intermodal rail yard
- Container-chassis trailers
- Drop-frame van trailers
- Curtain-side van trailers
- Emergency vehicles
- Solid waste vehicles
- Military vehicles



Tractor Requirements

•Tractor Requirements

- 2011+ model year (MY) sleeper cabs: SmartWay certified as of 1/1/2010
- 2011+ MY day cabs: low rolling resistance tires by 1/1/2010
- All pre-2011 MY sleeper cabs & day cabs: low rolling resistance tires by 1/1/2012



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Trailer Requirements



•Trailer Requirements

- 2011+ MY 53-ft+ box-type: SmartWay certified *or*
 - Retrofitted with SmartWay technologies by 1/1/2010
 - Low rolling resistance tires (1.5%+ fuel efficiency improvement)
 - Aerodynamic devices
 - » 5%+ fuel efficiency improvement for dry van
 - » 4%+ fuel efficiency improvement for reefer van
- Pre-2011 MY 53-ft+ box-type
 - Same requirements as 2011+ MY trailers
 - Must comply by 1/1/2013 or choose delayed compliance option

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Optional Small Fleet Compliance Plan

- Small fleet – 20 or fewer trailers
- Phase-in: 2013 – 2016
- Submit Compliance Plan by **July 1, 2012**
- May elect to participate in large fleet compliance plan

Percentage of Trailers	Compliance Before
25%	January 1, 2014
50%	January 1, 2015
75%	January 1, 2016
100%	January 1, 2017

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Optional Large Fleet Compliance Plan

- Large fleet – 21 or more trailers
- Phase-in: 2010 – 2015
- Early compliance option
- Submit Compliance Plan by **July 1, 2010**

Percentage of Trailers	Compliance Before
5%	January 1, 2011
15%	January 1, 2012
30%	January 1, 2013
50%	January 1, 2014
75%	January 1, 2015
100%	January 1, 2016

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Optional Trailer Fleet Compliance Plan Reporting

• Fleet information submitted in the plan:

- Trailer fleet list
 - Large Fleet includes only California operated
 - Small Fleet includes total trailer fleet
- Specific information for each trailer
- Identification of trailers to be bought into compliance each year to meet the fleet phase-in plan



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Optional Trailer Fleet Compliance Plan Reporting

• General Requirements:

- Provide all required information to ARB by due dates
- Ensure designated trailers meet compliance schedule
- Allow ARB to audit records and equipment
- Maintain all documentation at location specified on trailer fleet list



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Short-Haul Exemption

- **Tractors only**
 - 50K miles or less per year
 - Exempted from both the aerodynamic and LRR tires
 - Must register vehicle with annual updates on mileage to ARB



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Local-Haul Exemption

- **Tractors and trailers**
 - Operation restricted to within a 100-mile radius of registered local base
 - Exemption from aerodynamic requirement only (*LRR tires required*)
 - Must register vehicle and local base information with ARB prior to operation

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GHG Regulation Page

California Environmental Protection Agency
AIR RESOURCES BOARD

Home | Programs | Rulemaking | Board Meetings | Laws & Regulations | Data & Statistics | Permits, Etc. | Events

Heavy-Duty (Tractor and Trailer) Greenhouse Gas Regulation

Fact Sheets | Regulation | Regulatory Workshops | Reporting Forms | Training

Background:

The California Air Resources Board (ARB) in December 2009 adopted a new regulation to reduce greenhouse gas emissions by improving the fuel efficiency of heavy-duty tractors that pull 53-foot or longer box-type trailers. Fuel efficiency is improved through improvements in tractor and trailer aerodynamics and the use of low rolling resistance tires.

The regulation is expected to reduce greenhouse gas emissions by approximately 1 million metric tons of carbon dioxide-equivalents by 2020, statewide. Over the 11 years between 2010, when the rule goes into effect, and the end of 2020, it is estimated that truckers and trucking companies will save about \$6.6 billion when diesel fuel consumption is reduced by as much as 750 million gallons in California and 5 billion gallons across the nation.

What's New

• **Free Training Seminars** on the Truck and Bus Regulation and the Tractor and Trailer Greenhouse Gas Regulation (Posted February 9, 2010). Staff has posted dates for a series of public training seminars in the Riverside area.

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For More Information...

Heavy-Duty Vehicle Greenhouse Gas Emission Reduction Regulation Web Address:

<http://www.arb.ca.gov/cc/hdghg/hdghg.htm>

Listserv: <http://www.arb.ca.gov/listserv/hdghg.htm>

SmartWay Program Information:

<http://epa.gov/smartway/>

DIESEL HOTLINE:

(866) 6-DIESEL (866-634-3735)

Email: 8666diesel@arb.ca.gov

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How to Report

- **Who needs to report in 2010?**
 - Truck and Bus Regulation
 - Agricultural vehicles
 - Two Engine Sweepers with Tier 0 auxiliary engines
 - Heavy Duty Vehicle Greenhouse Gas Regulation
 - Local-haul/short-haul exemption registration for MY 2011+ tractors & trailers
 - Large trailer fleet phase-in reporting deadline

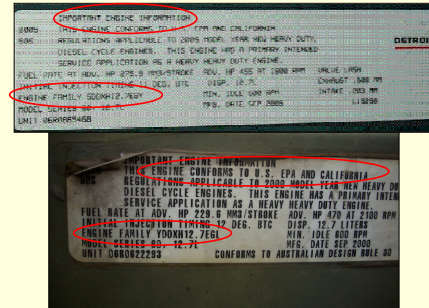
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Key Information for Reporting

- Owner contact information
 - Company and corporate name, motor carrier identification number, address, contact information
- Vehicle information
 - Vehicle type, VIN, manufacturer, model, GVWR, model year, license plate number, registration information
- Engine information
 - Engine manufacturer, model, family, serial number (found on engine), model year, on-road or off-road, engine use, engine emission certification
- Verified diesel emission control technologies
 - Type, manufacture, family name, serial number, date installed

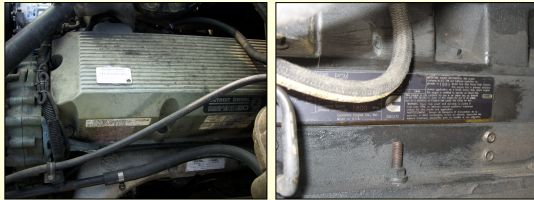
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Engine Emission Control Label (ECL)



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Where is the ECL located?



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Key Information for Reporting

- Owner contact information
 - Company and corporate name, motor carrier identification number, address, contact information
- Vehicle information
 - Make, model, model year, VIN, country or state or province of registration, registration type, license number
- Trailer
 - Make, model, model year, VIN, country or state or province of registration, registration type, license number

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Ways to Report

- Currently available
 - Paper Form
 - Use Part A only once, Page 2 for each vehicle (handout)
 - Upload using an Excel spreadsheet
 - preferred method
- Available for 2011
 - “Data dump”
 - For fleets with existing data
 - On line (TRUCRS)
 - Update annually

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What is TRUCRS?

- Truck Regulation Upload, Compliance, and Reporting System
 - An on-line tool which allows you to compile and report your fleet information
 - Forms meet the reporting requirements
 - Upcoming features:
 - Retain fleet data for future reporting
 - Automated compliance planning

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TRUCRS (Truck Regulation Upload and Compliance Reporting System) Upload Spreadsheet 2010 Initial Reporting Worksheets

Version: 1.0.27

This spreadsheet allows the user to record fleet information for the initial reporting required for the **Truck and Bus regulation** and the **Tractor/Trailer Greenhouse Gas regulation**. There are no fees associated with reporting. The spreadsheet is designed to allow fleets to enter the appropriate information and to upload the data on the internet by using the TRUCRS (Truck Regulation Upload and Compliance Reporting System) online portal. Once the data has been uploaded, the user will be able to report changes directly online for future compliance dates. Users need to refer to the appropriate regulation for definitions and requirements. Additional directions for using Excel spreadsheets to upload data are located at:

<http://www.arb.ca.gov/msprog/onrdiesel/reporting.htm>

- Step 1.** Verify that you enabled *macros*, since they are necessary to use this spreadsheet. Please view the following document for detailed information on how to enable *macros* in Excel 2003 and Excel 2007.

http://www.arb.ca.gov/msprog/onrdiesel/documents/Enabling_MACRO_in_Excel.pdf

- Step 2.** Verify that you have the most current version of the reporting spreadsheet. This spreadsheet is for meeting <http://www.arb.ca.gov/msprog/onrdiesel/reporting.htm>

- Step 3.** Determine what information you need to report in 2010. The following is a summary of what needs to be reported for each regulation:

Truck and Bus regulation

The regulation requires that fleets that qualify for agricultural vehicle provisions and fleets with two engine street sweepers to report information about all of their vehicles by **March 31, 2010**. The regulation applies only to diesel trucks and buses in these fleets with a gross vehicle weight rating (GVWR) greater than 14,000 lbs. The Air Resources Board is making amendments to the regulation that would not require any other fleets to report until January 1, 2011.

Tractor/Trailer Greenhouse Gas regulation

The regulation applies to 53' or longer box-type trailers (dry van and refrigerated van) and tractors that pull them. Fleets with 21 or more box-type trailers may take advantage of a phase-in option by reporting trailer information by **July 1, 2010**. Fleets with 20 or fewer box type trailers have until July 1, 2012 to report and a different spreadsheet will be available in the future for that purpose.

Additionally, the regulation currently requires all 2011 model year tractors that pull 53' or longer box-type trailers and all 2011 model year 53' or longer box-type trailers to be Smartway certified or be retrofit to comply. Fleets that have 2011 model year equipment and qualify for the short-haul or local-haul exemptions must report information about their 2011 model year equipment now. Reporting of other tractors and trailers within the fleet is not required at this time.

- Step 4.** Identify whether you are reporting fleet information for one of the regulations or for both. The spreadsheet will activate the appropriate forms and will show fewer sheets to be filled out if reporting for only one regulation:

Please choose ☐ Truck and Bus ☐ Tractor/Trailer GHG ☐ BOTH Regulations

- Step 5.** Fill in the information requested starting with the "Vehicle" worksheet at the bottom of the screen. Continue with subsequent worksheets in order from left to right. Some of the worksheets will transfer information from one sheet to another if additional information is needed about the vehicle. You may roll your cursor over any cell with a red triangle in the upper right corner, click on any "[Help]" cell, or return to this page for further instructions. You should save this spreadsheet periodically until you are finished and have uploaded your data online.

- Step 6.** After completing all the necessary worksheets, continue on to the "Finish" tab and follow the instructions to create your upload files to transfer the data online. You will be required to enter your TRUCRS ID before creating your upload files. If you already have a DOORS ID from the In-Use Off-Road Vehicle regulation, it may be used for uploading your Truck and Bus or Trailer information. If you do not already have either a TRUCRS ID or DOORS ID, you will need to obtain one prior to uploading your data. You may register for a TRUCRS ID at the following link:

<http://www.arb.ca.gov/msprog/onrdiesel/reporting.htm>

“Intro” Tab

TRUCRS (Truck Regulation Upload and Compliance Reporting System) Upload Spreadsheet
2010 Initial Reporting Worksheets
Version: 1.0.27

This spreadsheet allows the user to record fleet information for the initial reporting required for the **Truck and Bus regulation** and the **Tractor/Trailer Greenhouse Gas regulation**. There are no fees associated with reporting. The spreadsheet is designed to allow fleets to enter the appropriate information and to upload the data on the internet by using the TRUCRS (Truck Regulation Upload and Compliance Reporting System) online portal. Once the data has been uploaded, the user will be able to report changes directly online for future compliance dates. Users need to refer to the appropriate regulation for definitions and requirements. Additional directions for using Excel spreadsheets to upload data are located at:
<http://www.arb.ca.gov/msprog/onrdiesel/reporting.htm>

Step 1. Verify that you enabled macros, since they are necessary to use this spreadsheet. Please view the following document for detailed information on how to enable macros in Excel 2003 and Excel 2007.
http://www.arb.ca.gov/msprog/onrdiesel/documents/Enabling_MACRO_in_Excel.pdf

Step 2. Verify that you have the most current version of the reporting spreadsheet. This spreadsheet is for <http://www.arb.ca.gov/msprog/onrdiesel/reporting.htm>

Step 3. Determine what information you need to report in 2010. The following is a summary of what needs to be reported for each regulation:

Truck and Bus regulation
The regulation requires that fleets that qualify for agricultural vehicle provisions, and fleets with two engine

Intro

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Step 1 and 2: How to start

TRUCRS (Truck Regulation Upload and Compliance Reporting System) Upload Spreadsheet
2010 Initial Reporting Worksheets
Version: 1.0.27

This spreadsheet allows the user to record fleet information for the initial reporting required for the **Truck and Bus regulation** and the **Tractor/Trailer Greenhouse Gas regulation**. There are no fees associated with reporting. The spreadsheet is designed to allow fleets to enter the appropriate information and to upload the data on the internet by using the TRUCRS (Truck Regulation Upload and Compliance Reporting System) online portal. Once the data has been uploaded, the user will be able to report changes directly online for future compliance dates. Users need to refer to the appropriate regulation for definitions and requirements. Additional directions for using Excel spreadsheets to upload data are located at:
<http://www.arb.ca.gov/msprog/onrdiesel/reporting.htm>

Step 1. Verify that you enabled macros, since they are necessary to use this spreadsheet. Please view the following document for detailed information on how to enable macros in Excel 2003 and Excel 2007.
http://www.arb.ca.gov/msprog/onrdiesel/documents/Enabling_MACRO_in_Excel.pdf

Step 2. Verify that you have the most current version of the reporting spreadsheet. This spreadsheet is for <http://www.arb.ca.gov/msprog/onrdiesel/reporting.htm>

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Step 3 – What to report

Step 3. Determine what information you need to report in 2010. The following is a summary of what needs to be reported for each regulation:

Truck and Bus regulation
The regulation requires that fleets that qualify for agricultural vehicle provisions and fleets with two engine street sweepers to report information about all of their vehicles by **March 31, 2010**. The regulation applies only to diesel trucks and buses in these fleets with a gross vehicle weight rating (GVWR) greater than 14,000 lbs. The Air Resources Board is making amendments to the regulation that would not require any other fleets to report until January 1, 2011.

Tractor/Trailer Greenhouse Gas regulation
The regulation applies to 53' or longer box-type trailers (dry van and refrigerated van) and tractors that pull them. Fleets with 21 or more box-type trailers may take advantage of a phase-in option by reporting trailer information by **July 1, 2010**. Fleets with 20 or fewer box-type trailers have until July 1, 2012 to report and a different spreadsheet will be available in the future for that purpose.

Additionally, the regulation currently requires all 2011 model year tractors that pull 53' or longer box-type trailers and all 2011 model year 53' or longer box-type trailers to be Smartway certified or be retrofit to comply. Fleets that have 2011 model year equipment and qualify for the short-haul or local-haul exemptions must report information about their 2011 model year equipment now. Reporting of other tractors and trailers within the fleet is not required at this time.

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Step 4. Customize Your Spreadsheet

Step 4. Identify whether you are reporting fleet information for one of the regulations or for both. The spreadsheet will activate the appropriate forms and will show fewer sheets to be filled out if reporting for only one regulation:

Please choose
☒ Truck and Bus
☐ Tractor/Trailer GHG
☐ BOTH Regulations

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Step 4. Continued

Step 4. Identify whether you are reporting fleet information for one of the regulations or for both. The spreadsheet will activate the appropriate forms and will show fewer sheets to be filled out if reporting for only one regulation:

Please choose
☒ Truck and Bus
☐ Tractor/Trailer GHG
☐ BOTH Regulations

→ Please answer the following questions before proceeding to the next step:

Do you have any vehicles that qualify for the Agricultural Provisions under the Truck and Bus regulation? ☐ Yes ☒ No

Do you have any two-engine sweepers? ☐ Yes ☒ No

Vehicle / Finish / Lockup /

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Step 4. Continued

exemptions must report information about their 2011 model year tractors and trailers within the fleet.

Step 4. Identify whether you are reporting fleet information for one of the regulations or for both. The spreadsheet will activate the appropriate forms and will show fewer sheets to be filled out if reporting for only one regulation:

Please choose
☒ Truck and Bus
☐ Tractor/Trailer GHG
☐ BOTH Regulations

→ Please answer the following questions before proceeding to the next step:

Do you have any vehicles that qualify for the Agricultural Provisions under the Truck and Bus regulation? ☒ Yes ☐ No

Do you have any two-engine sweepers? ☒ Yes ☐ No

Vehicle / AgProvision / Sweeper / Finish / Lockup /

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Step 4: Continued

Step 4. Identify whether you are reporting fleet information for one of the regulations or for both. The spreadsheet will activate the appropriate forms and will show fewer sheets to be filled out if reporting for only one regulation.

Please choose ☐ Truck and Bus ☒ Tractor/Trailer GHG ☐ BOTH Regulations

Reminder: The Tractor/Trailer GHG regulation applies only to the following vehicle/trailer types:
1) 53-foot and longer box-type (dry-van and refrigerated-van) trailers, and
2) Tractors that pull 53-foot and longer box-type trailers.

Please answer the following questions before proceeding to the next step:

Will you be reporting only tractors, only trailers, or both tractors and trailers under the Tractor/Trailer GHG regulation? ☐ Tractors ☐ Trailers ☐ Both

Will you be registering tractors and/or trailers for the local-haul exemption under the Tractor/Trailer GHG regulation? ☐ Yes ☐ No

Are you electing to bring trailers into compliance in accordance with the optional large fleet compliance schedule under the Tractor/Trailer GHG regulation? ☐ Yes ☐ No

Step 5. Fill in the information requested starting with the "Vehicle" worksheet at the bottom of the screen. Continue with subsequent worksheets in order from left to right. Some of the worksheets will transfer information from one sheet to another if additional information is needed about the vehicle. You may roll information from one sheet to another if additional information is needed about the vehicle. You may roll information from one sheet to another if additional information is needed about the vehicle.

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Step 4. Continued

Step 4. Identify whether you are reporting fleet information for one of the regulations or for both. The spreadsheet will activate the appropriate forms and will show fewer sheets to be filled out if reporting for only one regulation.

Please choose ☐ Truck and Bus ☒ Tractor/Trailer GHG ☐ BOTH Regulations

Reminder: The Tractor/Trailer GHG regulation applies only to the following vehicle/trailer types:
1) 53-foot and longer box-type (dry-van and refrigerated-van) trailers, and
2) Tractors that pull 53-foot and longer box-type trailers.

Please answer the following questions before proceeding to the next step:

Will you be reporting only tractors, only trailers, or both tractors and trailers under the Tractor/Trailer GHG regulation? ☐ Tractors ☐ Trailers ☒ Both

Will you be registering tractors and/or trailers for the local-haul exemption under the Tractor/Trailer GHG regulation? ☐ Yes ☐ No

Are you electing to bring trailers into compliance in accordance with the optional large fleet compliance schedule under the Tractor/Trailer GHG regulation? ☐ Yes ☐ No

Step 5. Fill in the information requested starting with the "Vehicle" worksheet at the bottom of the screen. Continue with subsequent worksheets in order from left to right. Some of the worksheets will transfer information from one sheet to another if additional information is needed about the vehicle. You may roll information from one sheet to another if additional information is needed about the vehicle. You may roll information from one sheet to another if additional information is needed about the vehicle.

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TRUCRS – Excel Spreadsheet

Step 4. Identify whether you are reporting fleet information for one of the regulations or for both. The spreadsheet will activate the appropriate forms and will show fewer sheets to be filled out if reporting for only one regulation.

Please choose ☐ Truck and Bus ☒ Tractor/Trailer GHG ☐ BOTH Regulations

Reminder: The Tractor/Trailer GHG regulation applies only to the following vehicle/trailer types:
1) 53-foot and longer box-type (dry-van and refrigerated-van) trailers, and
2) Tractors that pull 53-foot and longer box-type trailers.

Please answer the following questions before proceeding to the next step:

Do you have any vehicles that qualify for the Agricultural Processors under the Truck and Bus regulation? ☐ Yes ☐ No

Do you have any long-range sweepers? ☐ Yes ☐ No

Will you be reporting only tractors, only trailers, or both tractors and trailers under the Tractor/Trailer GHG regulation? ☐ Tractors ☐ Trailers ☐ Both

Will you be registering tractors and/or trailers for the local-haul exemption under the Tractor/Trailer GHG regulation? ☐ Yes ☐ No

Are you electing to bring trailers into compliance in accordance with the optional large fleet compliance schedule under the Tractor/Trailer GHG regulation? ☐ Yes ☐ No

Step 5. Fill in the information requested starting with the "Vehicle" worksheet at the bottom of the screen. Continue with subsequent worksheets in order from left to right. Some of the worksheets will transfer information from one sheet to another if additional information is needed about the vehicle. You may roll information from one sheet to another if additional information is needed about the vehicle. You may roll information from one sheet to another if additional information is needed about the vehicle.

Step 6. After completing all the necessary worksheets, continue on to the "Final" tab and follow the instructions to create your upload file to transfer the data online. You will be required to use the TRUCRS ID before creating your upload file. If you already have a COOPIS ID from the use of the Report Vehicle regulation, please enter your trailer information on the GHGTractor worksheet instead. If you do not already have either a TRUCRS ID or COOPIS ID, you will need to obtain one prior to uploading your data. You may register for TRUCRS ID at the following link:
<http://www.ghg.ca/ghgreporting/registration/>

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Step 5. Enter information

Step 5. Fill in the information requested starting with the "Vehicle" worksheet at the bottom of the screen. Continue with subsequent worksheets in order from left to right. Some of the worksheets will transfer information from one sheet to another if additional information is needed about the vehicle. You may roll information from one sheet to another if additional information is needed about the vehicle. You may roll this page for further instructions. You should save this spreadsheet periodically until you are finished and have uploaded your data online.

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Dropdowns

2010 Heavy-Duty Vehicle Information

Vehicle Information:

Vehicle Model Year	Year Own (Optional)	License Plate	Vehicle Identification Number (VIN)	Vehicle Make (Manufacturer)	Vehicle Model	Registration State/Province	Current Registration Status	Registration Type	Reporting Rule?
2010				GM	CADILLAC	MI	REG		

Make-Reminder: Enter the 2-digit code for the state or province. You may refer to the "lookup" table below for the corresponding province and country.

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Lookup Table

Year	Model Year	Vehicle Make	CODE	STATE	COUNTRY
1	2010	AUTOCAR	AB	ALBERTA	CANADA
2	2010	BLUEBIRD	AG	AGUASCALIENTES	MEXICO
3	2008	CAPACITY	AK	ALASKA	US
4	2008	CHEVROLET	AL	ALABAMA	US
5	2007	DOODGE	AR	ARKANSAS	US
6	2006	FORD	AZ	ARIZONA	US
7	2004	FREIGHTLINER	BC	BRITISH COLUMBIA	CANADA
8	2003	GM	BH	Baja California Norte	MEXICO
9	2002	INTERNATIONAL	CA	CALIFORNIA	US
10	2001	GLDZ	CH	CHONILA	MEXICO
11	2000	KENWORTH	CI	CHIHUAHUA	MEXICO
12	1999	MAZDA	CL	COLUMBIA	MEXICO
13	1998	MO	CO	COLORADO	US
14	1997	MERCEDES	CP	CAMPESHE	MEXICO
15	1996	MITSUBISHI	CS	CHIHUAHUA	MEXICO
16	1995	MORGAN	CT	CONNECTICUT	US
17	1994	OPENSIDE	DC	DISTRICT OF COLUMBIA	US
18	1993	OTHER	DE	DELAWARE	US
19	1992	OTTAWA	DF	DISTRICTO FEDERAL	MEXICO
20	1991	PETERBILT	DO	DURANGO	MEXICO
21	1990	PREVOST	FL	FLORIDA	US
22	1989	STERLING	GA	GEORGIA	US
23	1988	THOMAS	GE	GUERRERO	MEXICO
24	1987	TYMCO	GJ	GUANAJUATO	MEXICO
25	1986	UD-NISSAN	HD	HIDALGO	MEXICO
26	1985	VOLVO	H	HAWAII	US

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Vehicle Tab- Vehicle Info

Microsoft Excel - trucrs1027.xls

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Type a question for help

J18 Y

2010 Heavy-Duty Vehicle Information

Version: 1.0.27

TRUCRS ID: 0

1. Enter your vehicle information on this worksheet (Fleets reporting solely for the Tractor Trailer GHG regulation exemptions only need to complete columns A through J)

2. For those reporting for the Tractor Trailer GHG regulation, trailer information is NOT entered on this worksheet. Please enter your trailer information on the GHGTrailer worksheet instead.

3. Enter additional information on the appropriate additional worksheets shown below.

4. Create upload files on the "Finish" worksheet

5. Go to the Truck Regulation Upload and Compliance Reporting System website to create a user account and upload your data.

Vehicle Model Year	Your Own ID (optional)	License Plate	Vehicle Identification Number (VIN)	Vehicle Make (Manufacturer)	Vehicle Model	Registration State / Province	Current Registration Status	Registration Type	Reporting for GHG Rule?
1995 1		EXAMPLE1	1ABC234DEF456	CHEVROLET	T100	CA, US	Active	Monthly-State Only	N
1996 2		EXAMPLE2	1ABC234DEF457	CHEVROLET	T101	CA, US	Active	Annual-State Only	N
2001 3		EXAMPLE3	1ABC234DEF458	DODGE	T102	CA, US	Active	Annual-State Only	N
2003 4		EXAMPLE4	1ABC234DEF459	FREIGHTLINER	T103	CA, US	Active	Annual-State Only	N
2006 5		EXAMPLE5	1ABC234DEF460	FREIGHTLINER	T104	CA, US	Active	Annual-State Only	Y
2007 6		EXAMPLE6	1ABC234DEF461	GMC	T105	CA, US	Active	Annual-State Only	Y
2007 7		EXAMPLE7	1ABC234DEF462	KENWORTH	T106	NV, US	Active	IRP	Y
2009 8		EXAMPLE8	1ABC234DEF463	PETERBILT	T107	UT, US	Active	IRP	Y

Not required unless applying for an exemption for 2011 model year and newer tractors that pull 53' or longer dry van or refrigerated trailers. Exemption applies if the tractor operates within 100 miles of a terminal or fewer than 50,000 miles per year.

Vehicle AgProvision Sweeper GHGLocalBase GHGTractor GHGTrailer GHGTractor

Vehicle Tab- Regulation Info

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Type a question for help

N18 fx N


Complete columns K through X if reporting for the Truck and Bus regulation
Skip columns K through X if reporting only for the Tractor/Trailer Greenhouse Gas regulation.

Truck and Bus Regulation Information			Engine Information						
Vehicle Model Year	Your Own ID (optional)	License Plate	Registered on 7/1/2008?	Select "Tractor" or Truck Type (not trailer)	Manufacturer's Gross Vehicle Weight Rating (GVWR)	Qualifies for Ag Vehicle Provisions?	Engine Model Year	Engine Manufacturer	Engine Model
1993	1	EXAMPLE1	Y	Water Truck	33,001 lbs and higher	Y	1993	CUMMINS	D100
1996	2	EXAMPLE2	Y	Sweeper-2 Engine	33,001 lbs and higher	N	1996	CATERPILLAR	D101
2001	3	EXAMPLE3	Y	Dump-Construction	33,001 lbs and higher	N	2001	CATERPILLAR	D102
2003	4	EXAMPLE4	Y	Service/Utility	33,001 lbs and higher	N	2003	INTERNATIONAL	D103
2006	5	EXAMPLE5	Y	Tractor-Conventional	33,001 lbs and higher	N	2006	INTERNATIONAL	D104
2007	6	EXAMPLE6	Y	Tractor-Conventional	33,001 lbs and higher	N	2007	INTERNATIONAL	D105
2007	7	EXAMPLE7	N	Tractor-Conventional	33,001 lbs and higher	N	2007	CATERPILLAR	D106
2009	8	EXAMPLE8	N	Tractor-Conventional	33,001 lbs and higher	N	2007	CUMMINS	D107

Exemptions
If the vehicle qualifies for the Agricultural vehicle provision select Y. You will need to provide additional information for this vehicle on the AgProvision tab below.

Intro \ Vehicle \ AgProvision \ Sweeper \ GHGLocalBase \ GHGTractor \ GHGTrailer \ GHC

Copies Vehicle Information to Ag Provision and 2 Engine Sweeper Tab



Truck and Bus Regulation Information			
Registered on 7/1/2008?	Select "Tractor" or Truck Type (not trailer)	Manufacturer's Gross Vehicle Weight Rating (GVWR)	Qualifies for Ag Vehicle Provisions?
Y	Water Truck	33,001 lbs and higher	Y
Y	Sweeper-2 Engine	33,001 lbs and higher	N
Y	Dump-Construction	33,001 lbs and higher	N
Y	Service/Utility	33,001 lbs and higher	N
Y	Tractor-Conventional	33,001 lbs and higher	N
Y	Tractor-Conventional	33,001 lbs and higher	N
N	Tractor-Conventional	33,001 lbs and higher	N

24							
25							
26							
<div> Intro Vehicle AgProvision Sweeper GHGLocalBase GHGTractor GHGTrailer GHGFI </div>							

Vehicle Tab- Engine Info

[illegible]

Vehicle Tab- VDECS Info

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U17 fx Y

	A	B	C	U	V	W	X
1							
2	2010 Heavy-Duty Vehicle In						
3	Version:		1.0.27				
4	TRUCRS ID:		0				
5							
6							
7							
8				Verified Diesel Emission Control System (Exhaust Retrofit) Information			
9	Vehicle Model Year	Your Own ID (optional)	License Plate	Is a PM Filter Installed?	Serial Number	Date Installed	VDECS Manufacturer : Family
10							
11	1993	1	EXAMPLE1	N			
12	1996	2	EXAMPLE2	N			
13	2001	3	EXAMPLE3	Y	123456789	1/1/2009	Caterpillar : CA/CAT/2008/PM3/N00/OFF/DPF01
14	2003	4	EXAMPLE4	Y	123456790	1/2/2009	Johnson Matthey : CA/JMI/2009/PM3+/N00/ON/DPF01
15	2006	5	EXAMPLE5	N			
16	2007	6	EXAMPLE6	N			
17	2007	7	EXAMPLE7	Y			
18	2008	8	EXAMPLE8	Y			
19							
20							
21							

Specify if a PM filter is installed on the vehicle, regardless of whether the filter is a retrofit or is an originally equipped device.

Intro Vehicle AgProvision Sweep A Undercarriage GHGTractor GHGTrailer GHGPhaseIn Finish

AgProvision Tab

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J17

	A	B	C	D	E	F	G	H	I	J
1	Ag Vehicle Information			1. Skip this page if you have no qualifying ag. vehicles. 2. Click on the button to the left to transfer vehicle identification information for the qualifying ag vehicles you entered on the "Vehicle" worksheet. 3. Enter additional information about the ag vehicles.			Ag Mileage Category Miles per Year "Low mileage" <10,000 "Limited mileage" is as follows: 1995 MY and older engine <15,000 1996 to 2005 MY engine <20,000 2006 MY and newer <25,000			
2	Version: 1.0.27									
3	TRUCRS ID: 0									
4										
5										
6										
7										
8	Vehicle Model Year	Your Own ID (optional)	License Plate	Vehicle Identification Number (VIN)	1/1/2010 Odometer Reading	Part of Fleet on 1/1/2009?	Still in fleet?	Ag Mileage Limit To Be Met	Best Ag Vehicle Definition	Specialty
9										
10										
11	1993	1	EXAMPLE1	1ABC234DEF456	250000	Y	Y	Low mileage	field bodytype	Farme
12				Notice: This sheet will automatically populate with the vehicles you identify as qualifying agricultural vehicles on the Vehicle sheet.			Mileage limits described above If the vehicle is a candidate for the specialty vehicle exemption identify the appropriate mileage option in case the vehicle is not approved for the specialty vehicle exemption. Select "NA" if vehicle will exceed the mileage limits.			
13										
14										
15										
16										
17										

Intro / Vehicle / **AgProvision** / Sweeper / GHGLocalBase / GHGTractor / GHGTractor

AgProvision Tab: Specialty Vehicle Exemption

Microsoft Excel - trucrs1027.xls

File Edit View Insert Format Tools Data Window Help

Type a question for help

Formula Bar: L11 = Y

Ag Vehicle Information		Qualifying ag. vehicles transfer vehicle		Ag Mileage Category		Miles per Year	
Version:	1.0.27	Qualifying ag vehicles sheet.		"Low mileage"		<10,000	
TRUCRS ID:	0	Put the ag vehicles.		"Limited mileage" is as follows:			
				1995 MY and older engine		<15,000	
				1996 to 2005 MY engine		<20,000	
				2006 MY and newer		<25,000	

Vehicle Model Year	Your Own ID (optional)	License Plate	Part of Fleet on 1/1/2009?	Still in fleet?	Ag Mileage Limit To Be Met	Best Ag Vehicle Definition	Request for Specialty Vehicle Exemption		
							Specialty Body Type and Use	Order of Priority (1,2,3)	Outside SJV
1993	1	EXAMPLE1	Y	Y	Low mileage	In-field bodytype	Farmer Owned Water Truck	1	Y

This sheet will automatically update with the vehicles you add as qualifying agricultural vehicles on the Vehicle sheet.

Outside SJV
Select "Y" if you are committing to permanently keep the vehicle outside the San Joaquin Valley if it is approved for the Specialty Ag Vehicle Exemption?

Tab Bar: Intro | Vehicle | **AgProvision** | Sweeper | GHGLocalBase | GHGTractor | GHGTrailer | GHGPI

Sweeper Tab: Auxiliary Engine Info

Microsoft Excel - trucrs1027.xls

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Type a question for help

111 300

2 Engine Street Sweeper Auxiliary Engine Information

Version: 1.0.27

TRUCRS ID: 0

1. Skip this page if you have no 2 engine street sweepers
2. Click on the button to the left to transfer vehicle identification information for 2 engine sweepers you entered on the "Vehicle" worksheet.
3. Enter additional information about the auxiliary engine.

Vehicle Model Year	Your Own ID (optional)	Vehicle License Plate	Vehicle Identification Number (VIN)	Auxiliary Engine Information				
				Model Year	Horsepower	Engine Family Number	Emission Tier	Hr Meter on 1/1/2010
1996	2	EXAMPLE2	1ABC234DEF457	2004	80	123KJL456789	Tier 0	300

Notice: This sheet will automatically populate with the vehicles you identify as qualifying sweepers on the Vehicle sheet.

Hr Meter
Enter the hour meter reading from January 1, 2010. Tier 0 engines may not operate more than 450 hrs per year until 2014.

Intro / Vehicle / AgProvision / **Sweeper** / GHGLocalBase / GHGTractor / GHGTractor

Heavy Duty Vehicle Green House Gas Emission Reduction Reporting

GHGLocal Base Tab

Microsoft Excel - trucrs1027.xls

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Type a question for help

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G28

Tractor Trailer Greenhouse Gas Regulation
Local-Haul Base Information

Version: 1.0.27
TRUCRS ID: 0

You are only required to complete this sheet if you are regist local-haul exemption. Please complete this sheet BEFORE local-haul base assignments on the GHGTractor and GHGTra you enter a unique Local Base ID for each location. This field upload.

Your Local Base ID [Help]	Address [Help]	Address (continued) [Help]	City [Help]	State/ Province [Help]	Zip [Help]
11 Sacramento	123 Main Street		Sacramento	CA, US	95800
12 Redding	123 1st Street		Redding	CA, US	95801
13 Fresno	456 2nd Street		Fresno	CA, US	95802
14 Bakersfiel	789 3rd Street		Bakersfield	CA, US	95803
15					
16					
17					
18					
19					
20					
21					
22					

Intro / Vehicle / AgProvision / Sweeper / GHGLocalBase / GHGTractor / GHGTrailer / GHGPhaseIn / Finish

GHGTractor Tab: Rule Specific Information

Microsoft Excel - trucrs1027.xls

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Type a question for help

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H26

	A	B	C	E	F	G	H
1	Tractor Trailer Greenhouse						
2	Tractor Information			Complete this page only if your fleet has tractors that pull 53-foot or longer dry-van and/or refrigerated-van trailers and:			
3	Version:	1.0.27		1. You have one or more 2011 model year tractors that you want to register as either local-haul (100-mile operating radius) or short-haul (50,000 mile/year cap) tractors, or			
4	TRUCRS ID:	0		2. You want to report tractors solely for compliance transparency purposes.			
5							
6							
7							
8	Rule-Specific Vehicle Information						
9	Vehicle Model Year	Your Own ID (optional)	Vehicle License Plate	Exemption Type [Help]	(Local-Haul only)	(Short-haul only)	
10					Local Base ID [Help]	Odometer Reading [Help]	Date Reading Taken [Help]
11	2006	5	EXAMPLE5	Local-Haul (Stays within 100-miles of local base)	Sacramento		
12	2007	6	EXAMPLE6	Short-Haul (Operates less than 50,000 miles per year)		45000	1/1/2010
13	2007	7	EXAMPLE7	Short-Haul (Operates less than 50,000 miles per year)		48000	1/1/2010
14	2008	8	EXAMPLE8	Optional reporting for compliance transparency purposes only			
17							
18							
19							
20							

FOR LOCAL-HAUL TRACTORS ONLY. Please use the drop down menu to assign your tractor to a local-haul base. If you do not see your local-haul base as an option, please make sure you have entered such base on the GHGLocalBase sheet.

Notice: This sheet will automatically populate with the tractors you identify as tractors subject to the Tractor and Trailer GHG Regulation on the Vehicle sheet.

Intro / Vehicle / AgProvision / Sweeper / GHGLocalBase / **GHGTractor** / GHGTrailer / GHGPhaseIn / Finish / Lookup /

GHGTractor: Assigning Local Base

Rule-Specific Vehicle Information		
Exemption Type [Help]	(Local-Haul only)	(Short-haul only)
	Local Base ID [Help]	Odometer Reading [Help]
Local-Haul (Stays within 100-miles of local base)	Sacramento	
Short-Haul (Operates less than 50,000 miles per year)	Sacramento	45000
Short-Haul (Operates less than 50,000 miles per year)	Redding	48000
Short-Haul (Operates less than 50,000 miles per year)	Fresno	
Short-Haul (Operates less than 50,000 miles per year)	Bakersfiel	
Optional reporting for compliance transparency purposes only	0	
	0	
	0	
	0	
	0	

Notice: This sheet will automatically populate with the tractors you identify as tractors subject to the Tractor and Trailer GHG Regulation on the Vehicle sheet.

ocalBase \ GHGTractor \ GHGTrailer \ GHGPhaseIn \ Finish \ Lookup \

GHGTrailer Tab: General Trailer Information

[illegible]

GHGTrailer Tab: Rule-Specific Information

Microsoft Excel - trucrs1027.xls

File Edit View Insert Format Tools Data Window Help

Type a question for help

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	A	B	C	L	M	N	O	
1	Tractor Trailer Greenhouse							
2	Trailer Information							
3	Version:	1.0.27		Large fleet California.	Trailers in compliance before January 1, 2010:			2
4	TRUCRS ID:	0			Eligible Early Compliance Trailers:			1
5					Allowable Delayed Compliance Trailers:			1
6					Compliance Base:			3
7								
8				Rule-Specific Information				
9	Trailer Model Year [Help]	Your Own ID (optional) [Help]	Trailer License Plate [Help]	TRU Information				(Local Haul only)
10				Model Year [Help]	Engine Model Year [Help]	Trailer compliance or exemption status will be: [Help]		Local Base ID [Help]
11	2004	1	EXAMPLE9			Registered as a local-haul trailer.		Fresno
12	2005	2	EXAMPLE10			Registered as a local-haul trailer.		Redding
13	2005	3	EXAMPLE11			Phased into compliance under the large trailer fleet compliance schedule.		
14	2006	4	EXAMPLE12			Phased into compliance under the large trailer fleet compliance schedule.		
15	2008	5	EXAMPLE13	2008	2006	Phased into compliance under the large trailer fleet compliance schedule.		
16	2008	6	EXAMPLE14	2008	2007	Already in compliance before 1/1/2010.		
17	2010	7	EXAMPLE15			Already in compliance before 1/1/2010.		
18								
19								
20								
21								
22								
23								

Please use the drop down menu to select the compliance or exemption status of the trailer. Note that a fleet may not bring trailers into compliance pursuant to the 1/1/2013 deadline if it elects to participate in the large fleet compliance schedule.

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GHG Trailer Tab: Rule-Specific Information

N		O
Trailers in compliance before January 1, 2010:	2	
Eligible Early Compliance Trailers:	1	
Allowable Delayed Compliance Trailers:	1	
Compliance Base:	3	
Rule-Specific Information		
Trailer compliance or exemption status will be: [Help]	(Local Haul only)	
	Local Base ID [Help]	
Registered as a local-haul trailer.	Fresno	
Registered as a local-haul trailer.	Redding	
Phased into compliance under the large trailer fleet compliance schedule.		
Phased into compliance under the large trailer fleet compliance schedule.		
Phased into compliance under the large trailer fleet compliance schedule.		
Already in compliance before 1/1/2010.		
Already in compliance before 1/1/2010.		

GHGPhase In Tab

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File Edit View Insert Format Tools Data Window Help

Type a question for help

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	A	B	C	E	F	G	H	I	J	
1	Tractor Trailer Greenhouse						<i>Assignments Required</i>	<i>Trailers Assigned</i>	<i>Additional Assignments Needed</i>	<i>CY Assignment Status</i>
2	Trailer Phase-In Strategy									
3	Version: 1.0.27									
4	TRUCRS ID: 0									
5	Due July 1, 2010									
6										
7										
8										
9	Trailer Model Year	Your Own ID (optional)	Trailer License Plate	May be assigned as an Early Compliance Trailer [Help]	Compliance Base					3 ← Number of trailers you must assign to a com
10					Early Compliance Trailer Credits Still Available					1
11					Delayed Compliance Trailer Assignments Still Available					1
12					Trailer Compliance Year (CY) Assignments [Help]					
13	2005	3	EXAMPLE11	N						
14	2006	4	EXAMPLE12	N						
15	2008	6	EXAMPLE14	Y						
16	2008	5	EXAMPLE13	N						
17	2010	7	EXAMPLE15	Y						
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Intro Vehicle AgProvision Sweeper GHGLocalBase GHGTractor GHGTrailer **GHGPhaseIn** Finish Lookup

Notice: This sheet will automatically populate with the trailers you identify on the Trailer sheet as ones for which compliance will be phased in through the large trailer fleet compliance schedule of the Tractor and Trailer GHG Regulation.

GHGPhase In Tab: Determine Annual Need

F	G	H	I	J	K
	<i>Assignments Required</i>	<i>Trailers Assigned</i>	<i>Additional Assignments Needed</i>	<i>CY Assignment Status</i>	
CY1: Must Be Compliant Before January 1, 2011	0	0	0	Good	
CY2: Must Be Compliant Before January 1, 2012	0	0	0	Good	
CY3: Must Be Compliant Before January 1, 2013	1	0	1	Need More	What i
CY4: Must Be Compliant Before January 1, 2014	2	0	2	Need More	
CY5: Must Be Compliant Before January 1, 2015	2	0	2	Need More	
CY6: Must Be Compliant Before January 1, 2016	3	0	3	Need More	
<u>Compliance Base</u>		3	← Number of trailers you must assign to a compliance		
Early Compliance Trailer Credits Still Available				1	What i
Delayed Compliance Trailer Assignments Still Available				1	What i
Trailer Compliance Year (CY) Assignments [Help]					

GHGPhase In Tab: Assign Trailers

E	F	G	H	I	J
		<i>Assignments Required</i>	<i>Trailers Assigned</i>	<i>Additional Assignments Needed</i>	<i>CY Assignment Status</i>
Select to e fleet and g Early ayed g trailers red.	CY1: Must Be Compliant Before January 1, 2011	0	0	0	Good
	CY2: Must Be Compliant Before January 1, 2012	0	1	0	Good
	CY3: Must Be Compliant Before January 1, 2013	1	2	0	Good
	CY4: Must Be Compliant Before January 1, 2014	2	2	0	Good
	CY5: Must Be Compliant Before January 1, 2015	2	2	0	Good
	CY6: Must Be Compliant Before January 1, 2016	3	2	1	Need More
	<u>Compliance Base</u>	3	← Number of trailers you must assign to a com		
assigned as Compliance er [Help]	Early Compliance Trailer Credits Still Available				0
	Delayed Compliance Trailer Assignments Still Available				0
	Trailer Compliance Year (CY) Assignments [Help]				
N	Delayed Compliance Trailer (Must be compliant before January 1, 2017)				
N	CY2 (Must be compliant before January 1, 2012)				
Y	CY3 (Must be compliant before January 1, 2013)				
N					
Y	Early Compliance Trailer (Must have already been in compliance since 1/1/2010)				
	CY1 (Must be compliant before January 1, 2011)				
	CY2 (Must be compliant before January 1, 2012)				
	CY3 (Must be compliant before January 1, 2013)				
	CY4 (Must be compliant before January 1, 2014)				
	CY5 (Must be compliant before January 1, 2015)				
	CY6 (Must be compliant before January 1, 2016)				
e: Thi	Delayed Compliance Trailer (Must be compliant before January 1, 2017)				
fy on the Trailer sheet as ones for which compliance will be					

Step 6. Upload Files to Transfer Online

Step 6. After completing all the necessary worksheets, continue on to the "Finish" tab and follow the instructions to create your upload files to transfer the data online. You will be required to enter your TRUCRS ID before creating your upload files. If you already have a DOORS ID from the In-Use Off-Road Vehicle regulation, it may be used for uploading your Truck and Bus or Trailer information. If you do not already have either a TRUCRS ID or DOORS ID, you will need to obtain one prior to uploading your data. You may register for a TRUCRS ID at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

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Step 6. File save for upload

Final Spreadsheet Step - Create Upload Files from TRUCRS Spreadsheets.

After completing all of the previous worksheets and saving your data, proceed through the following steps.

Step 1. Please enter your TRUCRS or DOORS ID in the yellow box below. If you do not yet have either a TRUCRS or DOORS ID, you will need to create a user account. You may create a TRUCRS user account at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

TRUCRS ID:

Step 2. **CLICK HERE after you have entered your TRUCRS ID >>**

Further directions for uploading the files created by the button above is located at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

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Add TRUCRS ID

Final Spreadsheet Step - Create Upload Files from TRUCRS Spreadsheets.

After completing all of the previous worksheets and saving your data, proceed through the following steps.

Step 1. Please enter your TRUCRS or DOORS ID in the yellow box below. If you do not yet have either a TRUCRS or DOORS ID, you will need to create a user account. You may create a TRUCRS user account at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

TRUCRS ID:

Notice: An invalid DOORS ID will cause your upload attempt to fail. Please verify that you have entered your DOORS ID correctly and click the "Create Upload Files" button below.

Step 2. **CLICK HERE after you have entered your TRUCRS ID >>**

Step 3. Click the "Create Upload Files" button below. The upload files will be saved in the folder in which this spreadsheet is saved.

Create Upload Files

Further directions for uploading the files created by the button above is located at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

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Upload Files Saved

Final Spreadsheet Step - Create Upload Files from TRUCRS Spreadsheets.

After completing all of the previous worksheets and saving your data, proceed through the following steps.

Step 1. Please enter your TRUCRS or DOORS ID in the yellow box below. If you do not yet have either a TRUCRS or DOORS ID, you will need to create a user account. You may create a TRUCRS user account at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

TRUCRS ID:

Step 2. **CLICK HERE after you have entered your TRUCRS ID >>**

Step 3. Click the "Create Upload Files" button below. The upload files will be saved in the folder in which this spreadsheet is saved.

Create Upload Files

Further directions for uploading the files created by the button above is located at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

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Create PRN Upload Files

Final Spreadsheet Step - Create Upload Files from TRUCRS Spreadsheets.

After completing all of the previous worksheets and saving your data, proceed through the following steps.

Step 1. Please enter your TRUCRS or DOORS ID in the yellow box below. If you do not yet have either a TRUCRS or DOORS ID, you will need to create a user account. You may create a TRUCRS user account at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

TRUCRS ID:

Step 2. **CLICK HERE after you have entered your TRUCRS ID >>**

Step 3. Click the "Create Upload Files" button below. The upload files will be saved in the folder in which this spreadsheet is saved.

Create Upload Files

Further directions for uploading the files created by the button above is located at the following link:

<http://www.arb.ca.gov/msprog/omndiesel/reporting.htm>

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How do I get my TRUCRS ID?

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TRUCRS Logon Screen

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Request an account

115

Password Emailed

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TRUCRS Intro Page

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TRUCRS Reporting Home Page

118

TRUCRS Owner Page

Upload Page

TRUCKS ID: 3539
Company/agency name: asafdasfd

Files uploaded must match the name exactly as shown below with underscores and no additional characters or numbers—case sensitive

Upload this file FIRST.

Upload the file "trucks_vehicle_upload.pdf"

After you have uploaded your "trucks_vehicle_upload.pdf" file, upload the following files in the given order.

Upload the file "trucks_agprovision_upload.pdf"

Upload the file "trucks_sweeper_upload.pdf"

If you are also reporting for the Tractor/Trailer GHG Regulation, upload the following files after you have completed the uploads above.

Upload the file "trucks_ghglocalbase_upload.pdf"

Upload the file "trucks_ghgtractor_upload.pdf"

Upload the file "trucks_ghgtrailer_upload.pdf"

Upload the file "trucks_ghgphasein_upload.pdf"

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Truck Stop - Online Resource

Truck Stop - Online Resource

the **TRUCK STOP**

All diesel fueled trucks, buses, trailers and transportation refrigeration units operating in California, including those based out of state, are required by regulations to take steps to reduce air pollution. Please call the California Air Resources Board Diesel Hotline at 866-6DIESEL (866-634-2735) for more information, or click the links below.

[Truckstop en Español](#)

Information About Clean Air Requirements For

DIESEL VEHICLES	TRAILERS	TRUS	FUNDING	USEFUL LINKS

Highlighted Links

- [California Diesel Gas and Trailer Requirements Brochure](#)

www.arb.ca.gov/truckstop 866-6DIESEL or 866-634-3735